

## CLAIMS

We claim:

1. A process for modifying information from a source language to a target language comprising the steps of:

intercepting data destined for one of a system resource or GDI;

comparing said intercepted data against data in a core translation table;

replacing said intercepted data with said data from said core translation table based on said comparing step.

2. The process according to claim 1, further comprising the step of:

redirecting said intercepted data to one of said system resource or said GDI based on said comparing step.

3. The process according to claim 1, further comprising the steps of:

comparing said intercepted data against data in an application translation table; and

replacing said intercepted data with said data from said application translation table.

4. The process according to claim 1, further comprising the step of:

simplifying and normalizing said intercepted data.

5. The process according to claim 4, wherein said simplifying and normalizing step further comprising the step of:

unifying a case of said intercepted data.

6. The process according to claim 4, wherein said simplifying and normalizing step further comprising the step of:

removing control characters.

7. The process according to claim 4, wherein said simplifying and normalizing step further comprising the step of:

cross referencing said intercepted data between resource loader and GDI.

8. The process according to claim 1, further comprising the step of:

restoring translated data into a format of said intercepted data.

9. The process according to claim 1, further comprising the step of:  
resizing a displayed item to show said translated data.

10. The process according to claim 1, further comprising the step of:  
comparing said intercepted data against data in a community-built translation table; and  
replacing said intercepted data with said data from said community-built translation table.

11. The process according to claim 1, further comprising the step of:  
processing said intercepted data using machine translation.

12. A system for modifying information from a source language to a target language  
comprising:

means for intercepting data destined for one of a system resource or GDI;

means for comparing said intercepted data against data in a core translation table;

means for replacing said intercepted data with said data from said core translation table  
based on a result from said comparing means.

13. The system according to claim 12, further comprising:

means for redirecting said intercepted data to one of said system resource or said GDI  
based on a result from said comparing means.

14. The system according to claim 12, further comprising:

means for comparing said intercepted data against data in an application translation table;  
and

means for replacing said intercepted data with said data from said application translation  
table.

15. The system according to claim 12; further comprising:

means for simplifying and normalizing said intercepted data.

16. The system according to claim 15, wherein said means for simplifying and  
normalizing further comprising:

means for unifying a case of said intercepted data.

17. The system according to claim 15, wherein said means for simplifying and normalizing further comprising:

means for removing control characters.

18. The system according to claim 15, wherein said means for simplifying and normalizing further comprising:

means for cross referencing said intercepted data between said resource loader and said GDI.

19. The system according to claim 12, further comprising:

means for restoring translated data into a format of said intercepted data.

20. The system according to claim 12, further comprising:

means for resizing a displayed item to show said translated data.

21. The system according to claim 12, further comprising:

means for comparing said intercepted data against data in a community-built translation table; and

means for replacing said intercepted data with said data from said community-built translation table.

22. The system according to claim 12, further comprising:

means for processing said intercepted data using machine translation.

23. A system for providing translations comprising:

a processor running an operating system, said operating system being associated with at least one core translation table, said processor:

intercepting data directed to a system resource loader or a GDI;

comparing said intercepted data against translated data in said core translation table; and

outputting said translated data based on said comparison;

an output device that receives said translated data and outputs said translated data.

24. The system according to claim 23, further comprising:

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a storage that stores said at least one core translation table, said storage being accessed by said processor to obtain said translated data.